Dec. 15, 1992

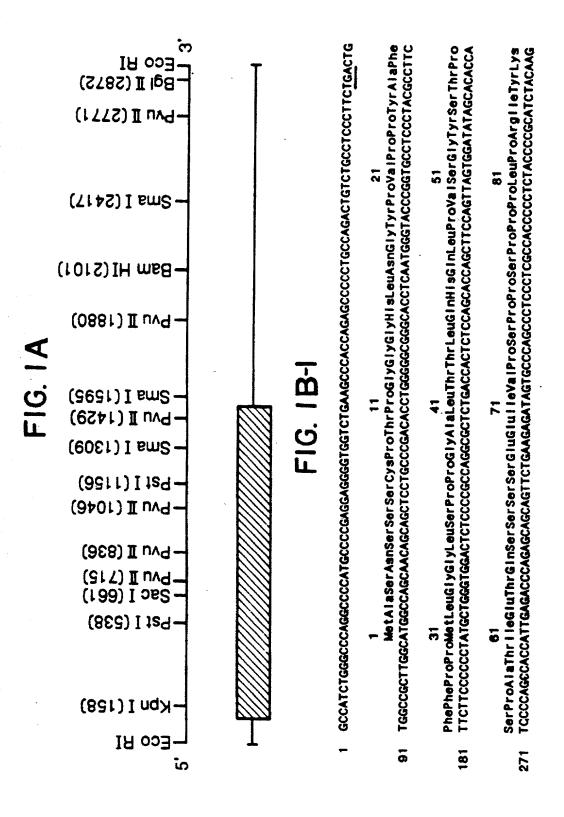


FIG. 1B-2

ProcysphevalcysGinAspLysSerSerGlyTyrHisTyrGlyValSerAlaCysGluGlyCysLysGlyPhePheArgArgSerlie CCTTGCTTTGTCTGTCAGGACAAGTCCTCAGGCTACCACTATGGGGTCAGCGCCTGTGAGGGCTGCAAGGGCTTCTTCCGCCGCAGGCATC

361

7 131

CAGAAGAACATGGTGTACACGTGTCACCGGGACAAGAACTGCATCATCAACAAGGTGACCCGGAACCGCTGCCAGTACTGCCGACTGCAG GinLysAsmMetVaiTyrThrCysHisArgAspLysAsnCysiiolioAsnLysVaiThrArgAsnArgCysGinTyrCysArgLeuGin 451

161

LysCysPheGiuVaiGlyMetSerLysGiuSerVaiArgAsnAspArgAsnLysLysLysLysGiuVaiProLysProGiuCysSerGiu AAGTGCTTTGAAGTGGGCATGTCCAAGGAGTCTGTGAGAACGACCGAAACAAGAAGAAGAAGGAGGTGCCCAAGCCCGAGTGCTCTGAG 541

191 181

SerTyrThrLeuThrProGluVaIGIyGluLeu!leGluLysVaIArgLysAIaHIsGInGluThrPheProAlaLeuCysGInLeuGIy AGCT ACACGCTGACGCCGGAGGTGGGGGGGGCTCATTGAGAAGGTGCGCAAAGCGCACCAGGAAACCTTCCCTGCCCTCTGCCAGCTGGGC 631

LystyrThrThrAsnAsnSerSerGluGlnArgValSerLeuAspileAspLeuTrpAspLysPheSerGluLeuSerThrLysCysile AAATÁCACTACGAACAACAGCTCAGAACAACGTGTCTCTTGGACATTGACCTCTGGGACAAGTTCAGTGAACTCTCCACCAAGTGCATC 211

721

ileLysThrValGluPheAlaLysGlnLeuProGlyPheThrThrLeuThrlieAlaAspGinIleThrLeuLeuLysAlaAlaCysLeu 811

AspileLeulieLeuArglieCysThrArgTyrThrProGluGinAspThrWetThrPheSerAspGlyLeuThrLeuAsnArgThrGin GACATCCTGATCCTGCGGATCTGCACGCGGTACACGCCCGAGCAGGACACCATGACCTTCTCGGACGGGGCTGACCCTGAACCGGACCCAG 901

281

WetHisAsnAiaGiyPheGiyProLeuThrAspLeuVaiPheAiaPheAiaAsnGinLeuLeuProLeuGiuMetAspAspAiaGiuThr 31 991

GiyLouLouSerAiaiieCysLouiieCysGiyAspArgGinAspLouGiuGinProAspArgVaiAspMetLouGinGiuProLouLeu GGGCTGCTCAGCGCCATCTGCCTCATCTGCGGAGACCGCCAGGACCTGGAGCAGCCGGACCGGGTGGACATGCTGCAGGAGCCGCTGCTG 1081

The state of the s The state of the s

GAGGCGCTAAAGGTCTACGTGCGGAAGCGGAGGCCCAGCCGCCCCACATGTTCCCCAAGATGCTAATGAAGATTACTGACCTGCGAAGC GiuaialoulysvaityrvaiarglysargargproserargprohismetpheprolysmetleumetlysiieThraspleuargser

i i eser A i a Lysgiy A i a Giu Argva i i i e Thr Leu LysMet Giu i i e ProGiy Ser Met Pro Pro Leu i i e Gingiu Met Leu Giu Asn

ATCAGCGCCAAGGGGGGTGAGCGGGTGATCACGCTGAAGATGGAGATCCCGGGCTCCATGCCGCCTCTCATCCAGGAAATGTTGGAGAAC 1261

SerGiugiyLeuAspThrLeuSerGiyGiyGiyGiyGiyGiyArgAspGiyGiyGiyLeuAlaProProProGiySerCysSerPro 

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1351

SerLeuSerProSerSerAsnArgSerSerProAlaThrHisSerProEnd 7

CGGCTTTTCTCTGCCTTTCTACCGACCATGTGACCCCGCACCAGCCCTGCCCCCACCTGCCCTCCCGGGCAGTACTGGGGACCTTCCCTG ACACACACACACTGGACAGTAGATGGGCCGACACACTTGGCCCGAGTTCCTCCATTTCCCTGGCCTGCCCCCACCCCCACCTGTCC CCCCGACCTCCTTCACCAGGGGTTGGGGCCCCTTCCCCTGGAGCCCGTGGGTGCACCTGTTACTGTTGGGCTTTCCACTGAGATCTACTG CABCTCACCACATCTTCATCACCAGCAAACGCCAGGACTTGGCTCCCCCATCCTCAGAACTCACAAGCCATTGCTCCCCAGCTGGGGAAC TCTCCTTTCATGTCCCTGTGCCCCCCAGTTCTCCTCCTCAGCCTTTTCCTCCTCAGTTTTCTCTTTAAAACTGTGAAGTACTAACTTTCC AAĞGCCTGCCTTCCCCTCCCACTGGAGAAGCCGCCACTTTCTCCCTCTGCCTGACCACTGGGTGTGGGACGGTGTGGGGCACT 1 CCCAGACCT GGCT CCT CGGCAGAGCT GCCT CCGT CAGGCCCACAT CAT CTAGGCT CCCCAGCCCCCACT GT GAAGGGGCT GGCCAGG CACCCCGTGCCCCCTCCTTACCCCGCAGGACGGGCCTACAGGGGGGTCTCCCCTCACCCCTGCACCCCCAGCTGGGGGAGCTGGCTCTG aggecgaggecaggaáctgagtgaggeceettggteetgagteteaggatgggteetggggeetggtgttgateateaagaeaeeeefetgee CCTGAAAGGACAGGCTCCTGGCCTTGGCACTTGCCTGCACCCATGAGGCATGGAGCAGGGCAGAGCAAGGGCCCCGGGGACAGAGTTT 711 1801 1891 1981 2161 2341 2431 2521 2611 2704 621 1881

Į. 

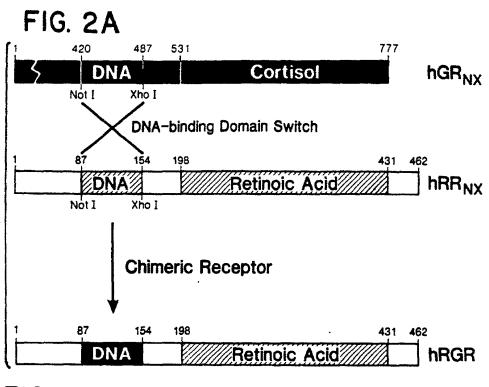
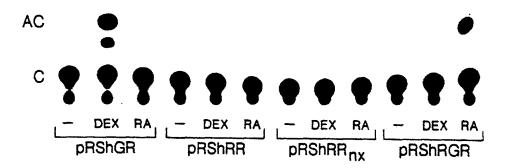
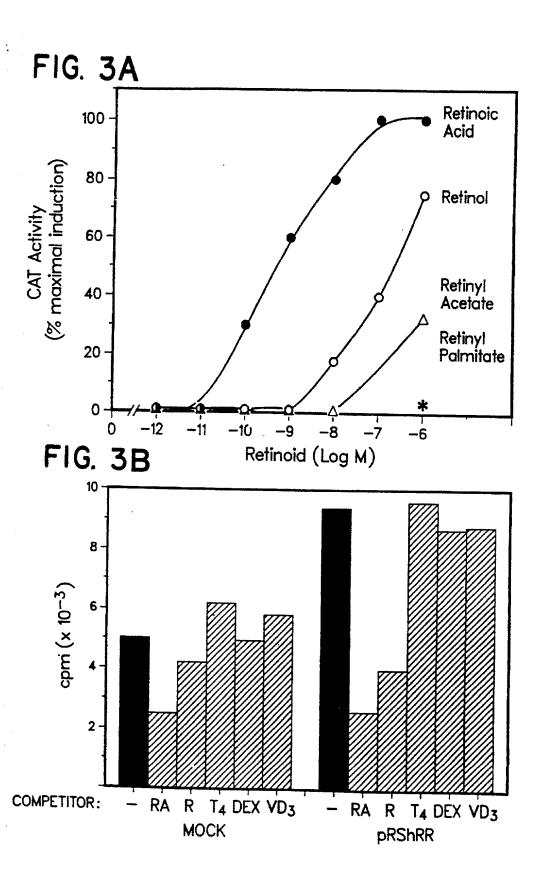


FIG. 2B







## FIG.4A

Bam HI
Bgl II
EcoRI
Hind III
Pst I

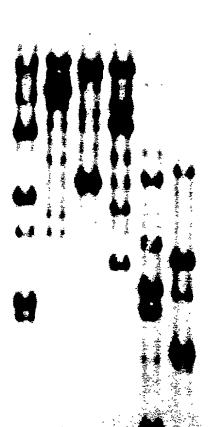
## FIG.4B

Bam HI
Bgl II
EcoRI
Hind III
Pst I

9.5 **- •** 6.6 **-**

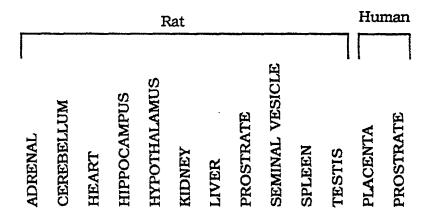
4.2 -

2.3 **-** 2.0 **-**



0.5-

Dec. 15, 1992



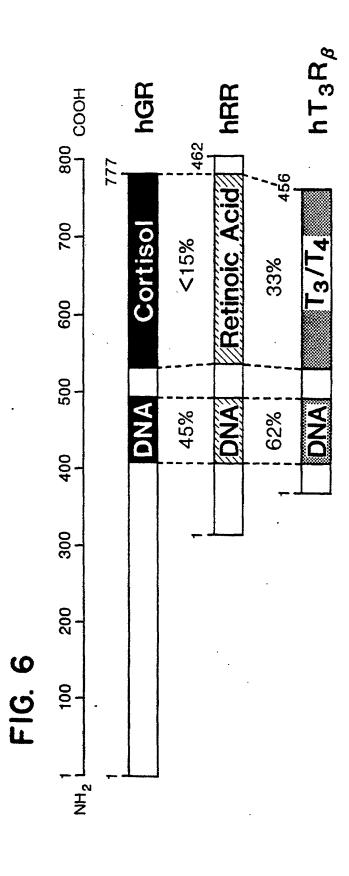
285 -

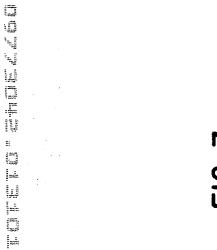


18S -

FIGURE 5







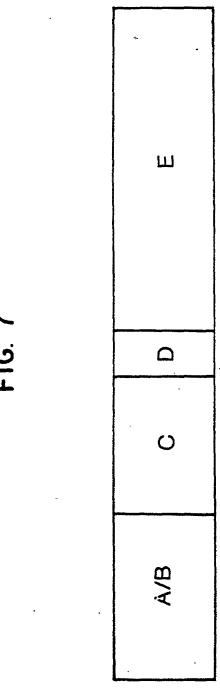


FIG. 8-1

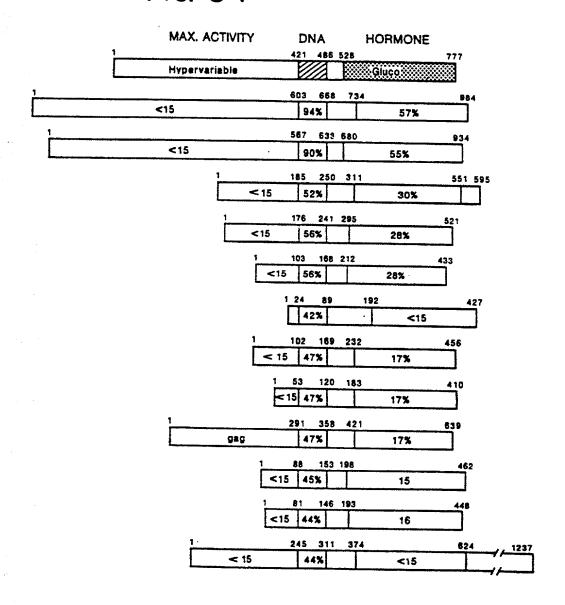
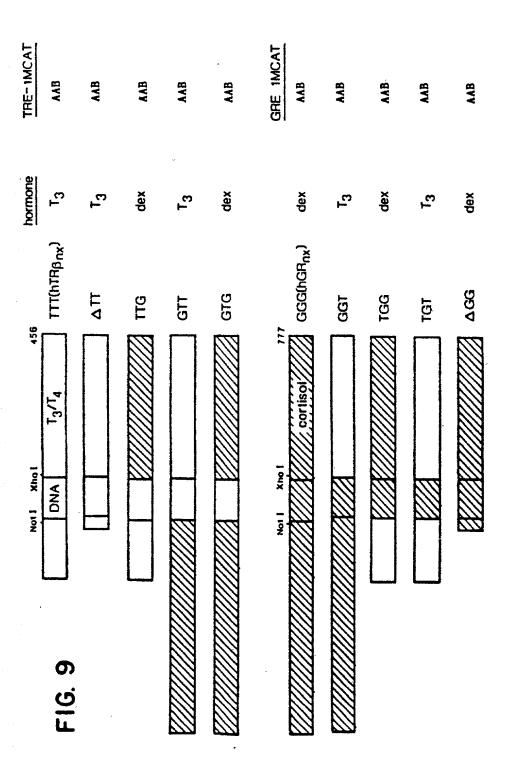


FIG. 8-2

	HRE	DNA BINDING		E BINDING IN VIVO	TRANS- ACTIVATION	CHROMO- SOME	SPECIES
GR	+15-18	+16,17,21	+26,82	+48,52. + 77	48,52, <del> </del> 78,79	5 <sup>26</sup>	h, r, m,
MR	nd	nd	лd	+36	+36	4 <sup>36</sup>	h <sub>3e</sub>
PR	+24,34	+24,34	nd	nd	+34	11 <sup>79</sup>	rabbit, 32 h, 33 c, 34
ER	+22,23	+23,62	nđ	+ 62	+53,62	6 <sup>62</sup>	h, <sup>29</sup> c, <sup>30</sup> frog <sup>i31</sup>
ERR1	nd	nd	nd	nd	nd	nd	h <sup>39</sup>
ERR2	nd	nd	nd	nd	nd	nd	h as
VDR	nd	nd	nd	+35	nd	nd	h; <sup>35</sup> c <sup>35</sup>
T <sub>3</sub> R <sub>β</sub>	+ 25	+25	+37	nd	+**	337	h <sup>37</sup>
$T_3R_{\alpha}$	nd	nd	+38,40	nd	+*0	1740	r, <sup>40</sup> h, <sup>41</sup> c <sup>38</sup>
V-erb A	+	+	(—)38	nd	nd	virus	C <sup>28</sup>
RAR	nd	nd	nd	+42,43	+42,43	17*3	h <sup>42,43</sup>
HAP	nd	nd	nd	nd	nd	345	h <sup>45</sup>
E75	nd	nd	nd	nd	nd		d <sup>46</sup>

SUPPERD DIES



AAB - Activation Above Background